



1974 CQ WORLD-WIDE DX CONTEST CW RESULTS

BY FRED CAPOSSELA,* K6SSS ex-W2IWC/6

REMEMBER how close the Phone contest was?

Well, the c.w. wasn't.

Something else the contest wasn't, was that it didn't happen to fall on Thanksgiving weekend. It falls on the last full weekend of November. Regardless of Thanksgiving.

Victory By .0003%

Just because the top Single Op/All Band scores weren't as close as the Phone test, don't make the mistake of thinking that the competition wasn't close. Take a look at the 4th, 5th, 7th, 8th and 9th place finishers. As little as .0003% separates them. Which works out to be about 1/2 a QSO! Margins of victory like that are just one reason we check logs as closely as we do.

DXpeditions Slug It Out

A number of DXpeditions went Multi-Single. And the competition was red-hot. OH2BH followed up his championship performance in the Phone contest by joining OD5HC and OH2MM in the mountains 4,000 feet above Beirut where they piloted OD5IQ to a new world record. Not only did a computer score their log, it also

printed out their QSL cards. Right on their heels came the FY7AA gang posting a new South American record.

New York's Order of Boiled Owls set a new African mark from a luxury hotel as CT3WA, while halfway around the world in a grass hut, three Californians broke the Oceania record from FW0AA.

Overachievement Dept.

The Multi-Multi PJ9JT gang set out to beat the 1970 world record the hard way. At the bottom of the sunspot cycle, and they might have done it, too, if ten meters had been kinder to them.

Someone who did break a record was CR6IK who owns the new 14 MHz title. He's joined by other brand-new record holders ZL1AMO, KP4EAJ, YU3DBC, 4X4NJ, PA0HIP and K1PBW.

On the subject of overachieving, hats off to the members of the Potomac Valley Radio Club who demolished their 1969 Club record with a staggering 53,869,662 points.

Big Guns Beware!

You're in for some real competition when WN2SJK and WN9MMR drop the "N" from their calls. On the 15 meter Novice band alone,

*Director, CQ DX Contest Committee.

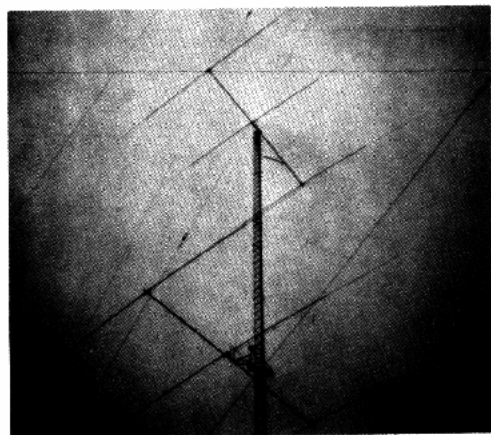
SJG ran up a record 21,024 points, 154 QSOs and a multiplier of 48!

Disqualification: A Word About the Word

If I may get serious for a moment, I'd like to talk about the word, disqualification; exactly what it means, and doesn't mean. Disqualification means one thing: that there has been a rule infraction. That, and only that. There is not—and there can never be—a judgment made as to a contestant's motivation or intent. The only thing we—or anybody else—can judge is whether or not there has been a rule infraction. That's why if somehow the impression has been created that disqualification might carry the slightest implication of motivation, let me state "absolutely not." As I said at the Contest Forum at Dayton, I'll be the first to offer an apology. By the same token, I would also like to be the first to apologize for any "trigger happy" individuals who might have jumped to conclusions, because there are no conclusions to be drawn. As long as men compete in championships—the Super Bowl, Wimbledon or World-Wide DX Contests, there will be referees. And from time to time, there will be rule infractions. And disqualifications. But let's understand what they mean, and do not mean.

Surefire Way to Get Into "QRM"

Simple. Just write about anything except conditions. Don't misunderstand. I'm not against interesting propagation news (like long path on 1.8 or 28 MHz). It's just that I know "conditions weren't as good as last year." Tell me something I don't know. Which leaves the field wide open. And, by the way, don't forget to send in photographs with your log and comments.



This is why WB5DTX gets out so well on 40. That's right, 3 over 3! Top beam is at 165' and the lower one is at 85 feet. With W5BJA at the controls, WB5DTX took second world high on 7 MHz.

TROPHY WINNERS

Single-Operator Single Band

M. C. da Dilva Wilches, CR6IK (14 MHz)

World C.W. Trophy
W2JT Memorial Trophy (NJDXA)

John Bazley, G3HCT
European 14 MHz C.W. Trophy
G2LB Memorial Trophy

Single-Operator All Band

Gary Stillwell, YJ8GS (W6NJU)

World C.W. Trophy
Donor: Larry LeKashman, W2AB

Pete Chamalian, W1BGD/2

USA C.W. Trophy
Donor: Frankford Radio Club

Jerome A. Kolata, Jr., CT2BN

European C.W. Trophy
Donor: W3AU Operators

Micheal Reininga, KP4EAS

Carib./C.A. C.W. Trophy
Donor: Harold Fox, W3AA

H. C. DeWet, ZE1JV

African C.W. Trophy
Donor: Gordon Marshall, W6RR

Owen Jackson, A9XU

Asian C.W. Trophy
Donor: Japan CQ Magazine

Maurice Caplan, VS5MC

Oceania C.W. Trophy
Donor: Maui A.R.C.

Multi-Operator Single Transmitter

OD5IQ (Ops. OH2BH, OH2MM, OD5HC)

World C.W. Trophy
Donor: Anthony Susen, W3AOH

Multi-Operator Multi-Transmitter

PJ9JT (Ops. DJ3KR, K4GKD, PJ2ARI, PJ2VD, W1BIH, W1GNC, W1TX, W3LPL, WA1STN, WA1STO)

World C.W. Trophy
Donor: Hazard Reeves, K2GL

Expedition Trophy

CT3WA (Ops. K2JP, W2AO, W2AX, W2AYJ, W2GC, W2GGE, W2IRV, WB2CKS)

Donor: Stuart Meyer, W2GHK

New for 1975 & 1976

The Committee is conducting an extensive statistical analysis of the entire contest during 1975. So you can expect very little in the way of changes for the upcoming fall contests. However, we are giving consideration to establishing several brand-new categories of competition for 1976. Possible new categories include QRP, OSCAR, SSTV, RTTY and Novice. We are also looking into perhaps expanding classes of Club competition to equalize clubs of various sizes and DX-pedition scores. Needless to say, we'd like to hear from you.

USA TOP SCORES

	W1BGD/2	1,133,847	K4YF	873,072
Single-Op. All Band	K3YUA	1,100,924	W3LPL	858,484
	WA1PID	1,027,424	W2DXL	816,120
	WB4YLG	1,010,330	K6UA	804,340
	W6RR	904,096	WB4BGY	803,586
	28 MHz		7 MHz	
	WA5RTG	9,000	WB5DTX	156,960
	K2QBW	8,639	WA8ZDF	146,792
	W6HX	7,954	K2LWR	113,080
	WB4UYD	7,650	W6ITY	112,963
	WA4DRU	7,399	W6ILP	70,500
	WA5STI	7,392	WB5DIZ	61,542
	21 MHz		3.5 MHz	
	W4KFC	161,880	W3MFW	71,874
	W4WSF	133,380	W4YHD	63,518
Single-Op. Single Band	W2NIN	118,770	W4CRW	43,600
	W6YRA	117,852	W6NLZ	21,168
	K4PHY	106,106	W7KAR	21,168
	W1PIV	100,582	VE3DXV/W6	18,327
	14 MHz		1.8 MHz	
	K6SDR	223,560	K1PBW	9,750
	W4AAV	181,630	W8BAPH	7,626
	K8IDE	162,250	W1BB	6,279
	WA0CYS	139,971	W3IN	3,914
	W9KNI	136,736	K5JVF	576
	W0PCO	131,806	WB9BUV	204
Multi-Op. Single Trans.	K4GSU	1,601,024	WA5LES	1,013,320
	WA1NRV		W2YD	1,005,480
	W2GXD	1,222,800	WB2SQN	959,008
Multi-Op. Multi-Trans.	W3AU	3,623,116	W3GPE	2,556,180
	W2PV	3,339,215	W7SFA	2,057,442
	W3WJD	2,802,096	W3GM	1,741,165

Please, Please, Please

Stop breaking my heart. Stop recopying your logs. Every year I see log after log with 500 to 3,000 contacts recopied—by hand. It ain't necessary. Honest. Use carbon paper or make a photocopy. Rewrite any illegible calls in the margins. And drop it in the mail. The contest is supposed to be fun. And recopying logs ain't fun. You can better spend the time getting ready for the CQ 160 or ARRL DX Tests. Besides, recopying logs can introduce errors no matter how careful you are.

You also don't have to write down 59904 two thousand times. Just write in the variations. Same thing goes for your QSO points. And for country multipliers, just write in the prefix. Don't worry about how to spell Ecuador or Uruguay.

Over the past several years, the logs have been getting better and better. Frankly, we're delighted. And the credit is all yours. My suggestions are an attempt to make it even easier, for both of us.

And, please, don't wait until two weeks before the contest to send in for log sheets. That's when everybody else remembers. It makes for quite a crunch at the CQ office. We'd hate to disappoint you. Send in now. Or a month from now. But not the second week of October, please.

Your-Secret-Is-Safe-With-Me (cont.)

Seems a large unnamed Multi-Multi managed to work a member of the Contest Committee on two bands. And managed to log his call wrong—both times. As fate would have it, the particular member turned out to be the one who checked the Multi's log. And, which Committee member missed the contest completely because he thought it was always on Thanksgiving weekend?

What's It All Add Up To?

I thought you'd never ask. The 1974 CQ World-Wide DX Contest added up to exactly 467 lbs. of logs. I kept track. And that doesn't include approximately 500 USSR logs we always receive via sea mail. The Phone logs came in OK as usual, but we have yet to receive the c.w., and must conclude regrettably that they were lost in transit. If we do receive them, we will publish an addendum to the results.

Tnx, Tnx, Tnx

As you know, this was my baptism of fire at handling the Results. Fortunately, I had a lot of good people helping me. I can't thank them enough. But I can bring them back for an encore: our Chairman, Frank Anzalone, W1WY; regulars Gene Walsh, K2KUR; Bob Cox, K3EST; Bernie Welch, W8IMZ; Dave Donnelly, WB2SQN; and Dick Norton, W6DGH. And new Members Larry Weaver, W6JPH; Glen Rattmann, W6MAR; Jim Neiger, W6BHY; Phil Goetz, W6DQX; Larry Brockman, WA6EPQ and Fred Laun, W9SZR. And an extra big thank you to Marguerite Fagella at CQ.

Good luck with your antenna work over the summer. Just remember, if it didn't fall down last year, it probably isn't big enough.

The c.w. Contest is November 29th and 30th (Thanksgiving weekend, this year). And, if things go as planned, I hope to see you during the Phone weekend (October 25th & 26th) from CEØ. 73, Fred K6SSS, ex-W2IWC/6



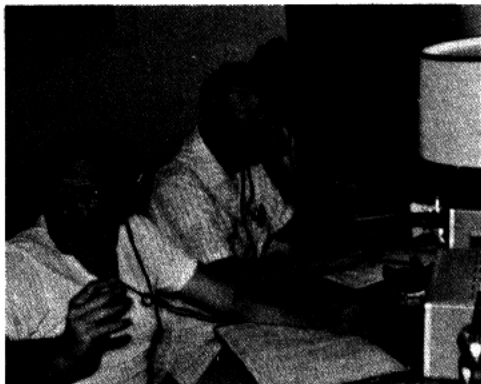
The FWØAA Multi-Single crew—exactly the way you'd picture a DX-pedition to a South Pacific island. That's WB6LTJ, K6RIR, K6YFZ.

DX QRM

Great thrill to turn up from 21 to 28 MHz. and after giving a long call on what appeared to be a completely dead band, have it explode on top of me . . . *ZLIAFW*. Changed QTH's. Hope to be ready for '75 . . . *ZL3GQ*. It's been a long time since we've had a serious bash at the contest . . . *VK5NO*. Have to put up a big beam for 40 next year . . . *JA2JW*. I slept too much during the contest . . . *JI1XID*. Sorry about my slow keying . . . *JA1JIX*. The conditions on 10 were poor . . . *JR1JIV*. 10 Meter band conditions were FB! . . . *JA7MZB*. Had some QSO's with East Coast USA stations for the first time! . . . *JR3PYW*. I worked YJ8GS and 5 other new countries, I am looking forward to the next one . . . *OK1FCA*. Was really surprised to hear many VK's on 28 MHz, even one ZL . . . *OK3EA*. Thank you for the fun and two new countries . . . *F2XW*. My first CQ WW DX entry, and I am certain it will not be the last . . . *G4DBW*. DX stations outside Europe should use 1.800-1.805 for TX and 1.825-1.830 for RX . . . *DJ4KW*. 1975 will be better! . . . *HA6NP*. CQ WW DX Contest should be an official championship of world and continents . . . *SP9DH*. Condx very poor at 60° North! . . . *SMSBHW*. Special portable QTH for CQ WW; 1244 meters high . . . *OK1IDK/P*. I heard many interesting stations on 1.8 MHz: VK6HD, OD5IQ, and 8Q6AG . . . *OK1ATP*. The Maiden Head and District Radio Club is awarding a trophy to its member making the best entry this year! Most enjoyable contest . . . *G3ZPK*. The British Airways Amateur Radio Group (G3NAF) hopes to make a real effort next year . . . *G3HZL*. Real thrill to work OX3AB short path on ten meters with all the W6, W7's calling . . . *ZL2ACP*. New bobtail gave better results than forty meter dipoles of past years . . . *ZE5JJ*. 160 opened several hours before sunset here but no stations were worked until five hours later. Guess no one listens for KH6 until later . . . *KH6CHC*. Wish those multi-op stations would run better check lists . . . *A9XU*. Luckily spotted openings to Europe on ten meters, both nights of the contest, which helped the multiplier total . . . *WB4KSE/KW6*. Working all bands with a monoband antenna is for the birds. After waiting four months, I received my new antenna one week after the Test . . . naturally . . . *KG6JAR*. Enjoyed all the QSO's, especially one with Brazil on 160 . . . *ZD7PS*. I apologize for so few contacts on 40-80 meters. Conditions were good but my "hotel" antennas were poor . . . *8Q6AH*. Enjoyed the Test as usual, but I'm nearing 62 and find that I cannot last more than a few hours at a time . . . *ZE5JO*. Copy is rough here due to splatter from a broadcast station only one quarter mile away from the shack . . . *9M2FK*. Although we had to barter for rice and coconuts for four days due to a local strike, we hung in there for the contest . . . *FW9AA*. Had power failure the first night so I arranged for emergency power to run rig the second night . . . *4X4NJ*. Very few USA stations heard here in Jakarta . . . *YB9ABV*. Twenty was blanketed with JA stations during the day, and conditions were rather poor at night . . . *BV2A*. Ten seems dead now but it opened up for the contest . . . *VU2JA*.



Operating high above Beirut, new Multi-Single champion OD5IQ scored just under 4 million. Congratulations to team OH2BH, OH2MM, OD5HC.



Third World high Multi-Single CT3WA expedition by Order of Boiled Owls. W2AO, W2AYJ, W2AX. Owls not caught by the camera K2JP, W2GC, W2GGE, W2IRV, WB2CKS.

Surprised with results on ten but eighty never warmed up . . . *KH6CF*. Enjoyed 239 QSO's with my completely homemade receiver and transmitter . . . *VU2JN*. Sorry for not working all who called, the S-9 noise level at times made it rough . . . *EL2FT*. Only worked the first 24 hours since I didn't know the rules, due to lack of publicity in our magazines here . . . *VK3MR*. Too many 599 reports received, I don't have that good a signal! . . . *SV8WTT*. Variable propagation conditions made this one hard work! . . . *9H1CH*. Condx fair, called CR6, ZS2, EL2, VK5 on ten mtrs . . . *HB9QA*. Lots of fun to operate as DX . . . *GC5AGA*. Good CNDX on 3.5 MHz . . . *YU3DBC*. My suggestion to you is to reverse the date for the Phone and CW portions each second year . . . *OZ1LO*. Biggest thrill was to catch WB4KSE/KW6 on 28 MHz when your not even able to work any YU! . . . *SM7EAN*. My linear amplifier went QRT, will be on next year with QRO! . . . *OK2RZ*. I will remember when I turned my beam to the north and KX6BB gave me a call, A new one for me! . . . *SM2DMU*. I worked my first W on 3.5 MHz, fun! The QRM was less fun, except on 28 MHz . . . *SM5EOS*. Very hard work with QRP! . . . *DM2CMF*. Forecast winds 9-10 gales. I abandoned QTH for shelter, returned Noon Monday, all ants, wrecked! . . . *G3GRL/P*. Made first Wales-South Pole QSO on 160 mtr, enjoyed giving many others a new country . . . *GW3VCB*. Better CNDX than last year! . . . *GM3ZRC*. Nine technical failures during first 20 hrs. Condx generally very poor . . . *OH3MG*. See you in the 1975 test! . . . *SP2KDT*. It was a great contest with a lot of activity and for once we did not suffer from any aurora effects! . . . *SK2DR*. Bands closed 2nd day—no 10 meter openings . . . *KL7HIK*. Was trying to work so many JA's that W6VNJ became JH4NJ . . . *KL7HNN*. Very pleasant setting a new Canadian record for 3.5 single-band . . . *VX1KE*. Sorry my time was so limited . . . *VE1EK*. Enjoyed working many of my old California friends in the 'test . . . *W6BYB/VE1*. The FT-101B packed it in at 0810 of the second day—had to fall back on the NCX-3 & do without 21 & 28 MHz. Have you ever tried to work a contest with a receiver without incremental tuning? . . . *VE3EJK*. Tough going with no Pacific stations and not enough time. Used to operate as 5H3LV . . . *VE3EUP*. Propagation better than in the phone portion, but not that many W's . . . *VE3BMV*. Band was in very good shape for the weekend and am really sorry wasn't able to work the first 5½ hours. Big help to 5B-DXCC . . . *VE3EDC*. Spent 0545-0805 calling Europeans (on 160)—guess I need a bigger antenna . . . *VE3GFY*. Thanks for another great test . . . *VE3ECP*. Not much coming thru on 10! . . . *VE3XU*. Using 2 watts r.f. Output . . . *ZFIJH*. Am thankful for all the contacts I got and will be pleased to QSL via K4VW (ex-W4CKB) . . . *T12BEV*. Most of the time running 10 watts due to BCI—max. power of 40 watts used for Hawaii and New Zealand contacts . . . *OX3AB*. Each year I am improving my score and enjoy the CQ DX Contest more, as it is presently the best contest on the amateur bands . . . *HRIAT*. My first contest ever—found the rules in Oct. 1971 CQ as my September '74 CQ hasn't arrived yet. Now to battle with the QSLs . . .

VP2LAW. This was my private contest expedition to St. Pierre. Most grateful to FP8AP for providing the wonderful ham shack and the TR4; Also to FP8FU and FP8CT who helped me to set up the antennas . . . FP8BG. Thanks very much for the contest. I enjoyed it very much . . . LU8BAO. The second day of the contest at my QTH very QRN—rainy, stormy . . . LU9FAN. Poor conditions make a 7 MHz single-band operation too tedious! . . . PY7AKQ/8. Too many other things this weekend to get serious so the amplifier was left off . . . HC1CW. Blew the linear's power transformer the first night (after using it for 10 minutes. Sunday morning, I blew one of my final tubes (no spares) and worked the last 14 hours with less than 100 watts (didn't want to blow the only 6DQ5 left). Also thanks to Murphy. I worked lots of weak sigs for several hours, till I noticed the 9 v. battery for my converter had gone down to 4 V! . . . CV8B. If no a.m. ham activity in 3501-3520 portion, could easily double score . . . CX9BT. Will be back next year. Ran into the test by pure accident. Thanks! . . . SM5LH/YV5. Local weather was just too nice to stay on the air all day. Spent several hours sightseeing . . . ZF1AL. Roger (KP4TIN) and Richard (F2QQ) joined me only 2 days before the contest. We erected a second 60 foot tower and put up 2 beams in one afternoon & were ready just in time. Wasted a lot of time on pile-ups too big to handle, but we're in practice for the next one. FY7AE lent us a R4B which had a filter, and it sure helped! My partners left the day after the contest . . . for them, it was a very short DXpedition . . . FY7AA (opr. F5QQ). I called Dial-A-Prop with direct dialing from Birmingham on Thursday for forecast—bang on! . . . G3HCT. Just moved to new QTH, the antenna just stuck in ground in the garden, many hours calling people and not being heard! . . . G3TXF. Where was Italy in the CW weekend!! . . . G4BVH. Activity restricted on 40 mtr due to local TV system in passband . . . G3ZQW. One should divide the contest into "input-classes" so low input stn's have better chances! . . . DK9FY. The most rare and surprising DX was 8QGAG on 160 mtrs. I heard him calling CQ and he came back on first call . . . DL1FF. I was very glad to work my first 4X4 on 160 mtr. I had a lot of fun on this band . . . DL6EN. Working new prefix CQ7IZ biggest thrill . . . DK4PH. Best wishes for all the crew for your heavy job in counting and verifying all logs! . . . Y07NA. Had to give up because of keyer failure the second day . . . HG5EA. No opening at all on 28MHz . . . OY6FRA. VY psed with 160 mtrs . . . EI1AA. Had to miss last year because of power crisis, nice to be back but the sunspots have sure sagged! . . . G3SSO. Our quad worked only on the first afternoon . . . HA9KPU. 7MHz fantastic opening into all continents! . . . DL9WU. MNI TKs for the very nice diplomas I have received from the WW DX Test . . . OZ7HT. Thanks to DX stations for their patience in establishing contacts . . . G3UKS. Condx were poor for DX on 7MHz but contest was FB . . . UBSTO. One of the more popular contests—congrats . . . IZFGP. One of my problems was that I was behind a mountain that cuts off lots of multipliers in Africa and South America, tried to change QTH's in middle of contest and got stuck in snow so had to return to original QTH . . . C3IIL. Lots of activity and fair conditions, but a definite absence of multipliers . . . CT2BN. Had to plan to work on 80 mtrs but my antenna was not ready in time. The weather was too bad, next year! . . . HB9KC. My first CW Contest . . . I3AWK. Planned to make it on 10 mtrs, but 10 seems quite dead so switched to 15 mtrs . . . I1EFC. I'll make another try next year . . . LB3B. Results could have been better, but have no aerial for 80 mtrs . . . OE6HZG. Nice to be back in my own small way, last time was from 9V1—It's easier there!! . . . GM3WRN. My first contest; enjoyed it, but fatigue biggest problem on 1.8 MHz—missed 6Y5BF . . . GM4AGG. Condx on 1.8 MHz VFB, had a ball working 4 new countries on 160, when 8QGAG called me I nearly jumped through the ceiling! . . . PA0HIP.

USA QRM

Why don't you supply cross-check logs? . . . K2FL. Annoyance is DX who fail to identify . . . W2HAE. Why wasn't anyone in the Novice bands? . . . WN2-QDP. Believe it or not, I got engaged this same weekend . . . W3HBJ. Sure wish DX stations signed their calls more often . . . K4GFH. Except for 160 meters, all QSO's were with five watts . . . W4WHK. Would prefer an earlier contest date . . . W0IUB. I sure enjoy the CQWW DX contest. Keep them coming! . . . W0PCO. Was great working several new countries including the Maldives . . . WA7FAB. Turn on zones 2, 6, 34 next year for 20 CW . . . W3AFM. Quite sur-

WORLD TOP SCORES

Single-Op All Band	KH6RS	2,738,904	K3YUA	1,100,924
	YJ8GS	1,213,086	KH6J1	1,028,146
	V55MC	1,146,964	KP4DPN	
	A9XU	1,134,864		1,027,812
	W1BGD/2		WA1PID	1,027,424
		1,133,847	WB4YLG	1,010,330

Single-Op Single Band	28 MHz		7 MHz	
	WB4KSE/KW6	207,662	ZL1AMO	174,867
	CV8B	165,675	WB5DXT	156,960
	WA8U2/4X4		WA8ZDF	146,792
		47,215	PY7AKQ/8	
	ZL2ACP	30,432	VE3BMV	133,017
11BAY	24,381	K2LWR	113,080	
YU3ER	14,839			

Single-Op Single Band	21 MHz		3.5 MHz	
	CR60Z	292,020	YU3DBC	135,408
	W4KFC	161,880	UB5G1	112,674
	W4WSF	133,380	W3MFW	71,874
	OH2BCP	126,540	VX1KE	70,311
	W2NIN	118,770	OH1XK	65,920
W6YRA	117,852	W4YHD	63,518	

Single-Op Single Band	14 MHz		1.8 MHz	
	CR61K	925,386	PA0HIP	12,704
	G3HCT	300,978	GM4AGG	11,118
	DL0PG	267,344	K1PBW	9,750
	K6SDR	223,560	G4DBEG	8,760
	OZ5DX	191,180	WB8APY	7,626
W4AAV	181,630	GM3AOR	6,336	

Multi-Op. Single Trans.	OD5IQ	3,970,912	KP4EAJ	2,683,525
	FY7AA	3,750,121	4M5ANT	
	CT3WA	3,003,196		2,090,556
			LU8DQ	1,705,788

Multi-Op. Multi Trans.	PJ9JT	9,753,500	W3WJD	2,802,096
	W3AU	3,623,116	W3GPE	2,556,180
	W2PV	3,339,215	6Y5BF	2,403,156

prised that an inverted vee can work so well, but never again without a beam . . . WA2UJM. Extremely heavy thunder storms Saturday night and Sunday morning held score down . . . W5QKR. Great fun with flea power . . . WA3SZI. Was running a long string of JA's toward the end of the contest. Was quite surprised when YB0ABV called me in the pileup!! . . . W6BJH. Hardest country to work was U.S.A.—another U.S. station doesn't want to work another U.S. station . . . K9UQN. Boy! What a waste of scarce energy! Hi . . . K3DR. First CQ DX contest . . . WA7VZX. I was only able to be home and on the air for about 10 minutes in this one. You can use it to check against the other logs . . . WB0AD/1. Forty meters is fun with stacked beams! . . . WB5DXT (Opr. W5BJA). How sweet it is! 45 JA' on 7 MHz wish I could have operated whole contest . . . K2LWR. As usual, this is the best DX contest for a single op, single band CW man. Thanks for the fun! . . . W6ILP. Where was Europe? CTI-EA-DM-G-GC-GI-GM-HB9-LA-LZ-OE-ON-OZ-PA-UR-UQ-U05-SV-YO? ? ? The only Europeans here were YU-YU-YU-YU and YU's!! —4U1TU makes the 181 country on 40m hr . . . WB5DIZ. Ten meter conditions were probably better than most of the scores will indicate. The band was open much of the time without many signals coming through. Could have used more activity! Also, tell W3ASK his Dial-A-Prop was right on the nose again. Good show, George! . . . K2QBW. Activity on 10m, seemed down—many hours of just hearing the same 10 DX stations! . . . WA4DRU. Many thanks to the dedicated log checkers! . . . W4KFC. Surprised to work K6GDH long path in the early morning local time. I think it's more fun being stateside. Heavy line noise hurt my score . . . K4PHY. The 15-meter band finally opened to Japan the next to the last hour of the contest . . . WA8KCX. Propagation seemed pretty fair on this band (15) but I think there could have been more participation by DX stations . . . WA1NKK/1. It is most frustrating to listen to the East Coast and Midwest work Europe for hours when the West Coast had no opening either morning! . . . K8GJD/6. The only Europeans I heard Sunday, called me, one after another! . . . WA7DZ/7. Conditions not fantastic, but lots of fun! . . . W2NVB. This was my first CQ WW DX contest. It sure was fun! My FT101-B and

[Continued on page 67]

Number groups after call letters denotes following: Band, (A-all) Final Score, Number of QSOs, Zones and Countries. Certificate winners are listed Bold Face.

"SINGLE OPERATOR ALL BAND NORTH AMERICA UNITED STATES

WA1PID
A 1,027,424 926 110 278
 (opr. KODQI)
W1BPW " 769,332 744 110 256
W1PL " 407,690 503 95 200
W1AINZT " 178,849 292 76 153
W1ALKX " 108,035 253 55 100
W1AISXC " 47,517 146 53 88
W1AIFX " 35,454 124 41 73
W1AIBFN " 33,920 120 33 73
W1LV " 23,956 87 38 68
W1LW " 19,700 77 42 58
W1GPK " 13,452 58 30 46
W1CNU " 9,735 63 20 35
W1QJAT " 8,700 58 28 47
W1OR " 8,000 46 24 40
W1PLJ " 3,626 36 12 25
W1AQBH " 532 10 9 10
K1LW 28 6,625 56 21 32
K1IK " 240 9 6 7
W1PIV 21 100,584 350 26 73
W1AINK/1 " 68,288 247 25 72
W1AIFCN " 820 16 8 12
K1FEB 14 87,885 290 32 73
K1HVV " 77,697 299 26 63
W1AISKV " 29,638 142 20 53
W9DAD/1 " 45 3 2 3
K1NLD 7 58,580 206 27 74
W1WAI " 23,331 113 24 53
W1CMM " 2,960 30 12 25
W1SWX 3.5 703 16 7 12
K1PWB 1.8 9,750 94 14 25
W1BB " 6,279 59 13 26

WBGD/2
A 1,133,847 936 125 304
W2DXL " 816,120 793 104 256
K2TQC " 566,544 647 96 223
K2FL " 172,516 272 81 155
W2FVS " 117,414 225 70 128
W2MCP " 109,040 261 49 96
W2HND " 107,748 244 57 107
W2HO " 98,952 190 62 124
W2AZWH " 90,210 213 56 99
W2ABLW " 89,628 237 48 84
W2HEU " 86,673 196 54 113
W2UL " 80,676 195 57 105
W2LYL " 70,022 166 60 97
K2MFY " 57,018 173 45 84
K2ZER " 44,880 147 35 75
W2AZO " 44,064 107 57 96
K2AU " 43,125 132 43 72
W2BZH " 37,286 139 36 67
W2HAE " 35,960 114 44 72
K2JOC " 31,234 119 37 60
W2ADLV " 28,050 107 36 66
W2HL " 17,458 74 32 54
W2CVW " 16,076 68 31 57
W2ACXQ " 9,880 50 31 45
W2BZWA " 9,513 61 27 36
W2MB " 5,096 38 20 32
WN2QDP " 1,590 30 14 16
K2QBW 28 8,639 68 18 35
WB2NDR " 1,404 26 10 16
W2ZIN 21 118,770 384 27 80
W2AZHR " 39,396 166 23 61
W2NVB " 24,500 151 19 38
 (Opr. W2ACOS)
WN2SIG " 21,024 154 14 34
K2FE " 11,450 80 17 33
W2AZUM " 9,823 75 15 32
W2AZUM 14 82,080 269 28 80
K2GI " 14,504 89 15 41
W2EJU " 8,460 67 13 34
K2LWR 7 113,080 355 31 79
 (Opr. W2AZBK)
K2TXC 3.5 9,911 70 15 38
W2AZUB " 1,586 25 8 18

K3GJD " 790,362 812 107 235
K3CY " 736,848 724 105 252
W3GRF " 667,212 691 102 236
W3BGN " 544,180 602 99 223
W3VT " 539,068 606 106 240
W3QOR " 447,903 518 105 208
W3N7 " 329,184 421 89 199
W3OV " 297,216 413 84 174
W3MFL " 230,928 417 52 152
W3XW " 219,830 329 83 164
W3KFO " 206,848 459 79 123
K3BW " 201,600 322 67 158
W3GRS " 166,656 276 70 154
W3FT " 160,908 277 71 141
K3WA " 140,180 250 75 140
W3HBJ " 116,171 235 56 123
W3BB " 111,375 235 57 108
W3ARK " 98,527 215 58 111
K3AV " 97,230 169 72 138
W3ALB " 80,080 162 62 114
K3TGM " 65,262 166 48 98
W3RZ " 53,793 135 48 91
W3ABJ " 49,590 131 57 89
W3KV " 43,310 118 36 86
W3GHW " 35,375 106 49 76
W3APT " 30,186 102 44 73
W3CGS " 21,004 84 33 56
W3HVM " 17,850 68 34 52
W3AEPB " 14,448 65 34 58
 (Opr. W3EVM)
W3ADMH " 7,482 54 19 39
W3CBF " 3,128 31 12 22
W3DRJ " 1,128 20 9 15
W3EVM " 425 9 8 9
W3ZSR 21 66,402 227 28 74
W3AOSJ " 1,392 20 9 15
W3AFM 14 85,422 221 34 104
K3*G " 84,672 259 34 78
W3ASZJ " 54,055 201 26 69
K3*G " 32,589 160 20 51
K3DR " 2,480 41 16 24
Z3EZ 7 19,390 103 21 49
W3MFW 3.5 71,874 275 26 73
W3AFQ " 13,524 108 13 36
W3CRE " 1,276 26 8 14
W3IN 1.8 3,914 43 14 24

WB4YLG
A 1,010,330 1002 103 252
K4YF " 873,072 892 107 237
WB4BGCY " 803,586 782 106 255
W4YWX " 763,224 716 124 268
K4PQL " 604,836 692 100 217
W4BAEX " 529,210 658 94 189
K4DBZ " 509,507 634 92 197
W4KXV " 442,080 515 98 209
K4TBN " 367,444 433 95 213
W4MYA " 236,302 347 86 167
W4EZ " 195,858 297 77 157
W4DM " 175,029 305 71 140
W4BOGW " 171,600 291 71 149
K4MCF/4 " 144,900 255 71 136
K4HWW " 107,937 227 62 117
K4ZRX " 102,984 230 58 110
K4OD " 102,528 221 62 116
W4BARA " 86,800 171 77 123
W4BA " 85,995 167 76 119
K4GFF " 69,913 172 52 99
W4YZC " 63,342 143 55 107
K4ND " 62,776 143 58 94
K4JM " 59,094 145 58 89
W4DFU " 58,880 235 47 81
 (Opr. W4GAJA)
W4ABTO " 56,242 185 45 77
W4AFOT " 50,806 142 54 79
K4*7A " 49,319 128 54 95
K4KA " 40,467 119 55 86
W4GF " 39,798 112 49 85
W4ORT " 33,920 103 51 77
W4AMSU " 30,264 112 37 60
W4HOS " 29,040 100 41 69
W4JHK " 28,600 101 34 66
K4BAI " 23,808 92 39 57
K4UAL " 21,120 82 34 62
W4ZSH " 16,112 81 26 50
W4WHK " 9,039 52 30 39
K4MYT " 8,378 48 31 40
K4EJG " 6,490 42 25 34
W4ZTB " 5,841 35 27 32
W4OQG " 864 29 12 12
WB4UYD 28 7,650 69 17 33
W4ADRU " 7,399 64 17 32
W4EE0 " 1,827 22 11 18

K4TWJ " 510 15 7 10
W4KFC 21 161,880 489 27 87
W4WFS " 133,380 433 29 79
K4PHY " 106,106 352 28 78
W4AOSM " 10,696 66 18 38
W4AAV 14 181,630 453 36 99
K4JWD " 4,056 39 16 23
W4JUK " 1,725 24 11 14
W4GCK/4 7 31,914 154 24 57
W4QQN " 25,956 146 21 42
W4AAPG " 8,930 76 17 30
W4YHD 3.5 63,518 256 22 69
K4CSR " 43,600 200 18 62
W4STR A 195,083 327 84 133
K5ZJP " 144,837 261 85 124
W5OB " 107,365 214 77 120
W5OSJ " 66,297 179 60 87
W5PAQ " 52,540 142 58 84
W5SHOD " 37,752 136 53 68
W5HC " 32,385 99 52 75
W5UO " 30,940 103 52 78
W5VDH " 24,072 99 46 56
W5BE " 23,490 97 38 49
K5BL " 20,485 88 35 50
K5FTG " 11,627 61 33 44
W5STPO " 10,404 51 28 40
W5LPO " 8,584 54 26 32
K5PFL " 6,649 43 28 33
W5FTFP/5 " 3,900 38 17 22
K5MYM " 2,294 31 18 19
W5SSD " 285 8 7 8
K5LZJ " 90 6 5 4
W5SRTG 28 9,000 86 16 34
W5ASTI " 7,392 66 16 32
K5AAB 21 57,855 221 28 67
W5SZN 14 99,800 350 29 71
W5QKR " 77,871 298 31 70
 (Opr. W5AYMW)
K5KSI " 57,630 198 31 71
W5SDTX 7 156,960 563 28 68
 (Opr. W5BJA)
W5SDIZ " 61,542 274 28 50
W5WQZ " 33,150 154 25 53
W5LUJ 3.5 17,751 111 19 42
W5SRTQ " 13,104 109 19 29
K5JVF 1.8 576 16 8 10

W6RR " 904,096 1,051 113 191
K6UA " 804,340 911 121 186
 (Opr. W6BHY)
W6PLH " 712,954 961 101 152
W6MAR " 693,714 965 98 151
K6OVJ " 672,221 920 94 159
W6OKK " 398,772 660 82 130
W6GKZJ " 381,175 680 72 121
W6DQX " 315,768 499 90 133
W6HJP " 294,372 475 87 135
W6BIP " 242,385 444 82 113
W6EJVD " 222,968 420 76 112
W6EYF " 217,562 435 80 101
K6DR " 217,516 396 82 106
W6*7E " 163,012 353 74 92
W6NKR " 136,528 261 72 112
K6AYA " 130,432 326 55 73
K6UJS " 90,288 259 60 72
W6GFFY " 77,550 299 45 49
 (Opr. W6GEXW)
K6OC " 56,875 154 49 76
W6RNF " 55,176 165 50 71
K6*CS " 54,144 144 64 80
W6AM " 51,220 152 58 72
K6DPX/6 " 44,110 139 51 59
G3VYQ/6 " 37,525 140 47 48
W6ELP " 35,547 109 52 71
W6PRP " 25,704 88 45 63
W6KYA " 23,604 102 38 46
W6BZHD " 22,468 96 37 45
W6CLM " 21,150 108 35 40
W6SSC " 16,576 90 27 37
W6GUFY " 12,888 79 31 30
W6RQZ " 8,600 57 21 35
W6GJ " 6,608 40 23 36
K6QP " 6,602 45 27 28
W6ODWM " 5,920 52 18 22
W6YKS " 5,824 40 24 32
W6GBY " 4,544 49 15 17
W6GOR/6 " 4,410 43 22 20
W6HJ " 2,378 28 13 16
W6EJA " 1,349 24 9 10
K5MHG/6 " 72 4 4 4
W6HX 28 7,954 74 14 27

W6YRA 21 117,852 483 29 55
 (Opr. W6ABP)
K6GJD/6 " 57,201 288 24 45
W6MID " 5,671 40 22 31
W6MI " 3,456 40 13 19
K6SDR 14 223,560 660 37 85
W6GBKB " 124,080 394 33 77
K6AO " 75,429 324 28 59
W6BJH " 47,795 212 28 51
W6FF " 14,986 96 23 36
W6BYH " 156 13 5 7
W6ITY 7 112,963 466 29 54
W6LPL " 70,500 321 25 50
K6OZL " 60,672 265 30 42
W6GAHF " 34,398 243 20 25
 (Opr. W6APKM)
K6TZX " 1,311 22 10 13
W6NLZ 3.5 21,168 138 20 34
VE3DXV/W6 " 18,327 165 17 24
K6NA " 7,449 75 15 24

W7IR A 996,975 807 129 226
K3MNT/7 596,700 1060 80 115
W7TML " 543,840 831 141 149
W9IRH/7 " 517,532 829 84 134
W7WMY " 195,454 430 71 90
W7YBX " 111,622 294 56 78
W7LZF " 95,408 259 56 78
W7AUG " 89,728 289 56 63
W7AUNU " 58,387 158 55 78
W7AJCB " 42,804 175 38 49
W7MCU " 21,412 83 47 54
W7LR " 15,879 74 34 45
W7FL " 10,990 57 24 46
K7EFB " 702 20 7 6
K7MOK " 480 15 6 6
W7YRO 21 50,740 300 22 37
W7ATDZ/7 " 33,443 220 22 31
W7AYY " 29,232 166 25 38
W7FAB 14 86,933 385 26 51
K7RSC " 37,940 372 13 22
W7AVXZ " 2,310 40 10 11
W7JZU 7 51,900 302 22 38
W7KAR 3.5 18,920 161 17 26
W7JLU " 11,880 151 13 17
W7VTN " 11,305 122 14 21
W7AOJA 1.8 81 11 5 4

W8LAE A 285,033 388 93 184
W8ABTQ " 258,741 382 76 183
K8LUU " 80,270 249 36 79
W8KXO " 64,824 156 55 93
W8SDO " 50,673 143 46 81
W8ASAW " 46,340 134 53 87
W8GUV " 23,220 97 45 63
W3GN/8 " 16,274 75 46 57
W8TWA " 12,246 60 30 48
W8BDO " 12,089 60 30 47
K8ROYG " 480 15 7 8
W8SHVD 28 1,218 22 12 17
W8ACKX 21 91,008 327 25 71
K8*FF 14 162,750 474 35 83
W8ZDF 7 146,792 448 30 88
 (Opr. K8HLR)
W8CNL " 3,366 37 13 21
W8BEU 3.5 4,060 50 14 21
W8BAPH 1.8 7,626 89 13 28

W9LT A 536,607 606 111 216
W9RER " 454,197 543 98 205
K9KDI " 431,750 493 106 208
W9RXC " 243,535 346 93 172
W9LFL " 182,055 299 79 150
K9UWA " 150,792 311 73 110
W9PJT " 141,360 323 71 119
W9DWM " 107,858 199 67 132
W9RQO " 84,906 175 67 111
W9JJ " 80,282 199 54 83
K9UKM " 75,650 165 63 115
W9YYF " 70,550 166 70 100
W9WYB " 62,440 149 59 101
W9SFR " 55,942 123 65 103
W9ABWY " 32,750 116 52 73
W9OEQ " 16,200 75 32 49
W9QWM " 9,282 56 32 46
K9*MMR " 4,737 48 20 26
W9M4F 28 1,624 133 12 28
W9LKI 21 24,820 129 22 46
W9BFRG " 24,411 113 24 55
W90HM " 8,428 61 17 32
W9NME " 836 16 7 12
W9KNI 14 136,736 383 35 91
W9RHLI " 75,428 252 34 75

JAZBNN	11,022	67	30	36	JAILB	253	9	6	5	OK1AIY	27,234	199	28	74	OK2PGU	1,320	60	4	16		
JABSVP	10,980	103	21	24	JR3STC	30	3	3	3	OK1BLC	26,762	234	19	57	OK1MIX	1,040	89	3	13		
JALICW	10,388	76	27	26	JH1HTK	10	5	1	1	OK2LN	26,592	211	25	71	OK2KUM	986	62	3	14		
JH1LKH	8,892	72	27	30	JAI3CWZ	7	93,310	397	30	56	OK2PDL	24,476	211	37	79						
JA6GZ	8,037	67	25	22	JZ2CCT		28,944	194	20	34	OK3RJB	24,115	319	12	53	OL8CCH		912	44	15	
JA9BOH	7,987	58	23	26	JAZEKR		27,216	181	21	35	OK3BTB	24,030	236	21	69	OK3KVE		756	47	14	
JH2VEL	7,844	54	26	27	JAZ2NO		26,832	186	19	33	OK2BEF	23,577	242	18	69	OK1BDX		726	56	2	
JR2FNL	7,304	60	22	22	JASVOV		19,150	144	20	30	OK1MAA	18,700	200	16	69	OL8CDQ		714	39	14	
JA1JIX	6,560	60	19	21	JE1LPT		19,084	141	19	33	OK1MWN	17,680	133	22	58	OL1AQL		663	44	14	
JA7OKR	6,300	68	18	18	JAZ2IR		15,984	126	20	28	OK1FCA	17,680	133	22	58	OK1KKJ/p		390	27	12	
JA2QVQ	5,684	42	25	24	JR1BVV		15,756	142	16	23	OK1FJS	17,064	203	19	53						
JR1PWW	5,390	52	18	17	JAI1PV		11,130	93	18	17	OK1DAV	16,936	124	17	56	OL8CCR		384	33	9	
JA9LX	4,030	48	17	14	JA4JIG		8,621	87	16	21	OK2BJU	11,868	132	20	49	OK2BNY		351	30	2	
JA9YE	3,774	41	16	18	JA1NLX		8,316	94	17	16	OK2PEQ	9,164	115	18	40	OL15AQ		288	24	10	
JA1YF	3,708	55	15	21	JA1HOM		6,825	74	15	20	OK3YCW	8,977	179	10	37	OK1FBH		280	14	3	
					JA1SEM		4,293	57	13	14	OK2PAE	8,778	57	26	40	OL6GDF		276	28	9	
					JA2EDA		1,848	55	6	6	OK1KZ	8,694	140	14	49	OL9CDD		276	26	10	
					JAI3EVV		1,273	24	9	10	OK3TRP	7,156	115	15	44	OL9CJB		273	21	10	
					JAANLO		536	25	4	4	OK1DA	5,661	55	18	33	OL8CCG		264	30	2	
					JA4GXS		90	10	2	1	OK1AEH	5,570	69	19	39	OL8CBB		242	21	3	
					JA8BOP		81	9	2	1	OK2BIP	3,577	35	18	31	OL6APQ		221	16	3	
					JR3LVD		77	5	4	3	OK2PAH	3,240	28	20	25	OK2PGF		117	12	10	
					JR3TZU		64	5	4	4	OK1MSP	2,080	26	19	21	OL6ASQ/p		70	8	2	
					JAWGWE	3.5	11,554	103	23	30	OK2BCI	1,750	23	15	20	OK1IAR		56	18	2	
					JH1APZ		9,553	104	17	24	OK3KIO	1,562	71	6	16	OL8CCS		36	6	2	
					JAI3W		7,676	89	16	22	OK3WMM	28	4,840	47	16	28	OK1AIJ		30	6	2
					JA1DOT		6,440	68	12	22	OK3CGP		243	11	7	9					
					JA1DUH		4,440	61	14	16	OK2RO	21	31,296	185	23	41	Denmark				
					JA8DNU		3,978	52	14	20	OK3EE		24,786	127	28	53	OZ27BG		119,340	315	64
					JH1KLA		3,240	55	12	15	OK1AVD		24,455	142	26	47	OZ5ME		75,500	350	40
					JA3BEA		3,074	53	15	14	OK1ARZ		19,040	139	21	35	OZ5QU		39,446	222	35
					JA7NI	1.8	350	14	5	5	OK2LSL		17,340	114	21	39	OZ2JNU		36,708	225	31
					JA5EZI		80	5	5	5	OK1FDJ		14,976	99	22	42	OZ4WH		22,278	158	27
					KA2AD	14	157,257	575	34	67	OK1AOG		12,095	122	15	26	OZ6XR		17,200	185	21
					Khmer Republic						OK1KIR		5,617	51	15	26	OZ6XT		16,576	68	29
					XU1DX	A	294	7	7	7	OK1AHV		5,110	52	14	21	OZ1AMP		10,010	111	21
					Maldives Islands						OK3CHK	14	89,182	384	34	89	OZ6PI		8,965	110	18
					BQ5AA	A	507,338	876	79	168	OK3ZAA		85,995	457	29	76	OZ9OI		7,590	75	24
					BQ5AG	1.8	779	25	9	10	OK1TA		82,570	336	30	85	OZ1VY		5,876	57	20
					Republic of China						OK3ZWA		57,240	415	21	69	OZ2YV		4,264	40	21
					BVZA	14	8,397	265	12	15	OK1DKR		41,360	219	26	68	OZ7AN	21	7,304	87	14
					Thailand						OK3CES		28,032	240	20	53	OZ6ZS		396	9	9
					HS2AIG	A	432,820	936	95	173	OK3IAG		21,584	183	20	56	OZ5DX	14	191,180	850	34
					West Malaysia						OK2BGR		15,936	146	18	46	OZ7YL		19,338	153	20
					9M2CX	A	293,114	712	83	150	OK3CEK		15,312	121	18	48	OZ2GC		6,479	128	10
					9M2FK		19,964	215	29	33	OK2BIT		9,494	122	10	37	OZ7HT	3.5	48,312	640	14
					Yemen						OK1APS		7,144	74	15	32	OZ8XO		285	19	12
					4W1GM	A	128,232	374	38	79	OK3CAU		6,149	102	11	32	England				
					Asiatic Russia						OK3YCV		5,548	108	7	31	G3FBX	A	798,814	1069	85
					UA9CN	A	11,914	100	16	30	OK1ATZ		3,960	35	16	29	G3MXJ		652,769	897	95
					YA9AY	21	2,700	96	6	12	OK1KCI		1,792	30	9	19	G3SXW		263,514	606	59
					UW0AF	A	275,674	620	71	132	OK2BCB		1,701	43	7	20	G3GR/L/p		213,490	501	66
					UA0LU		45,344	429	19	33	OK1MSS		360	8	7	8	G4ALG		98,150	462	36
					UW0FB	3.5	2,002	135	5	6	OK3OM	7	112,136	655	26	81	G3ZQW		54,120	254	35
					EUROPE						OK2BOB		91,361	529	26	77	G2AIB		40,377	253	35
					Andorra						OK1DWA		61,364	484	23	69	G37PK		28,835	262	19
					C31IL	A	22,149	207	21	48	OK2QX		53,203	443	19	64	G3NAF		19,006	148	23
					Austria						OK3ALE		28,860	204	19	59	G3MWZ		10,168	97	18
					OE6HZG	A	105,490	424	39	98	OK3SGW		16,440	193	14	46	G3VLL		9,150	86	22
					Azores						OK3EQ		5,632	119	9	35	G4BDW		400	21	6
					CT2BN	A	826,760	1766	59	161	OK1AES		4,410	119	6	29	G2BZO	28	3,655	51	13
					Belgium						OK1FSM		4,012	98	8	26	G3RZI	21	90,240	390	27
					ON4XG	A	130,130	408	51	118	OK1ARF		1,516	69	4	18	G3HCT	14	300,978	946	35
					ON4GO		66,062	293	37	97	OK1DH		627	13	7	12	G3KMO		146,475	676	27
					ON5TO	14	6,528	168	9	25	OK1ALW	3.5	61,575	555	17	58	G3KDB		129,470	620	80
					ON5WL		2,418	85	6	20	OK1APJ		43,834	570	12	50	G3PVA		51,982	353	23
					Bulgaria						OK2BLG		29,412	447	9	48	G4BHV		25,186	302	13
					LZ1AG	A	80,813	215	63	148	OK2HI		22,504	318	10	40	G3IKY		21,724	305	14
					LZ1KGB		61,832	359	35	96	OK1FQL		18,384	353	9	39	G8DU		12,528	220	12
					LZ1NJ		41,640	278	31	89	OK1DHJ		14,976	294	7	41	G3JBI		4,396	118	6
					LZ2KBA		17,505	342	8	37	OK1DOK		13,719	165	12	39	G6NK		1,512	46	14
					LZ1CWC		17,460	67	39	58	OK2UAS		11,154	229	7	32	G3TFF	7	19,836	300	12
					LZ1MH		10,872	123	23	49	OK2PEG		8,742	149	9	38	G3UKS	3.5	57,646	520	12
					LZ2KBS		8,400	105	15	33	OK1DAM		5,408	175	5	27	G3UKW		50,700	542	13
					LZ1FI	21	21,672	167	16	40	OK2PFX		5,110	138	6	29	G3ESF		42,351	533	10
					LZ2US	14	58,320	421	24	66	OK2PGR		5,032	156	5	29	G4BUE		25,380	343	9
					LZ1KW	7	65,902	600	21	62	OK2BQB		4,865	133	7	28	Faeroe Islands				
					LZ1ZQ	3.5	527	29	5	12	OK3YCL		4,862	138	6	28	OY2O	A	123,992	1022	22
					Czechoslovakia						OK2BNZ		3,536	99	5	29	OY4M	14	105	13	2
					OK2RZ	A	779,399	1,030	96	265	OK3RJS		2,436	96	4	25	Federal Republic of Germany				
					OK3KFF		147,694	449	54	122	OK1DLA		2,190	71	5	25	DK3GI	A	822,866	1210	89
											OK1IBL		1,792	58	6	22	DJ2HH		649,165	823	83
											OK2SSI		1,495	64	4	19	DK4PH		404,863		

tubes which had manufacturer's filament ratings in excess of the maximum wattages specified, then the FCC's job would be made infinitely simpler in its policing efforts. It would be a simple black or white infringement of the rules.

CQ Reviews EBC-144 Jr. [from page 37]

operate outside the band if you are not careful. Double-check your switch settings when you first begin to operate the rig! After a few days, this will become second nature.

Even with a few short-comings, this radio is, in the opinion of this writer, the most important single piece of v.h.f. equipment to enter the amateur radio scene in many years. It will be the forerunner of an entire new class of sophisticated radios which will reflect the constantly advancing state of the art. The EBC-144 JR. will furnish a fine target for the other manufacturers to shoot at. I wish them all the best luck. The only question that I have left is this . . . what will EBC do for an encore?

—W2JUP

QRM [from page 26]

3 el. beam certainly helped me a lot! See you all next year. Please tell me who has the top Novice record all-time and how many points. . . . W2NSJG. 15 was a very dependable band to Pacific. Wish I had not had to work all weekend, think I could have run up a good score. Conditions better for c.w. test than fone test. . . . W4AOSM. 15 put on a great show for the contest Saturday afternoon. . . . W42LJM. Bad weekend for me, signals were great but had to go to a funeral out of town on Saturday which shot that day completely and had company part of Sunday. . . . K8ARS. All those KH6's sure sounded like K56's! . . . W8LTD. No activity from zone 34, missed 4 here — but know JTIKAA, VS6DO and 9M2CX—zones 23, 24 and 28 respectively were on okay. . . . W4AAV. Move it back to Thanksgiving! On second thought, don't! . . . W9KNI. Only 7½ hours of operation before linear transformer cratered. . . . W5WZQ. Good conditions to JA Saturday morning. . . . W4AAPG. Not much time to operate. Maybe you can use log anyway for check. . . . W8CNL. Good scores could be gotten on 80 if there was more activity from the rest of the world in general because propagation was good. How about an 80 m. contest like ARRL's 10 m. contest? . . . W7KAR. A steady S7 power line noise sure hurt with the weak ones. . . . VE3DXV/W6. Total it for club total only. . . . W5LUI. First night great—had visions of some kind of record in the making (Hi). Second night—local thunderstorms all night long (sob!!). . . . W5RTQ. No openings to Europe or Africa this year. Very poor conditions, but lots of fun. Also note a big decrease in operating skills. DX unable to handle pileups. . . . W7JLU. Disappointed in lack of activity—especially Saturday night. . . . K2TXC. A few hours well spent. . . . K6NA. Must study and get extra—really difficult above 3.25 on 80m. . . . W88EUN. A pleasure to get into this test after so many years. Was absent due to Thanksgiving previously. How about alternating c.w. first, phone second, etc., each year? . . . W9DYD. Biggest Thrill: Working three new countries—ST2AY, OD5IQ and DJ8QT/CT3 to bring my total to 122 countries on 160! The exceptional 160 meter band opening to EU/AF on Sunday morning allowing QSO's in rapid succession, like having a "pipe-line" from here to there!! Fine operators and nice guys on for the test. 160 is "still a gentleman's band!!!" Thanks for running such a nice contest. . . . W1BB. Will be quite surprised if the F7Y proves legit. . . . K5JVF. Nuts. . . . W7AOAU. Hope I never have to turn another beam by hand again. . . . W5KFL. Won Worth Township (both modes now that W3GPE has moved 30 miles away. . . . W3FRY. Sure is frustrating hearing them so loud on 160 and not be able to work them. . . . W3WJD.

Operators [from page 32]

OK1KRQ: OK1IAM, OK1VJ, OK1IAV. **OK3KGO:** OK3-2351, OK3ZAD. **OK3KTY:** OK3ZFB, OK3ZGA. **OK1KCD:** OK1-AWF, PO-8523. **OK3KAG:** OK3CIR, OK3YBD, OK3ZFM, OK3ZAF. **OK1KCF:** OK1KZ, OK1XC. **OK2KOO:** OK2BIP, OK3TBC. **OK3KJX:** OK3EQ, OL8CDQ. **OK1KTL:** OK1OA, OK1AWC. **OK1AQT,** OK1CA, OK1AZO, OK1SB, OK1ATW, OK1TY. **OK1APS.** **OK2KYK:** OK2PBM, OK2BHX. **OK3KPN:** OK3CJN, OK3ZMJ, OL8CBX. **OK1OFX:** OK1MX, Et. Al. **ON4UB:** ON5MF, ON6VL, ON6MH, ON6QR. **ON5-KH & ON6HE,** ON5UQ, ON5CY, ON6KD, ON5JE, ON6MD. **OY6FRA:** OY2H, OY2J, OY3B, OY3H, OY5NS, OY7YD, OY7M. **L2ZKDP:** LZ1GX, LZ1-F3Z, LZ2-H-5Z, LZ1-A-513, LZ1-A-584, Palm Stan. **LZ1KBU:** Hazlov, Sekezy. **LZ1KPC:** Vatev, Slavchev. **LZ2KDI:** Atanas, Tribondy, Muhsin, Jordanov. **LZ2KEF:** Wasilev, Penchev, Marinov. **LZ2KWD:** Georgiev, Georgiev. **LZ2KHM:** Pesnov, Petrov, Ivanov. **LZ2KAD:** Nеров, Mihailov, Runtchev, Stefanoff. **PA9AEH:** & PA0PN, PA0ABM, PA0INA. **PI1PT:** Van Kessel, Koeko. **PY1EMM:** PY1TC, PY2GRO, PY12BJ. **SK2DR:** SM2EKM, SM2CEW. **SK2AU:** SM2DQS, SM2BJE. **SK6BA:** SM6CKU, SM6DHU, SM6EVE, SM6FVJ. **SM5AOE & SM6BJI,** SM5-CZT. **SM0BDS:** SM0GBX, SM0FP. **SP1KKB:** SPAEN, Zakrzewski. **SP2KDT:** SP2GUB, SP2HMY. **SP2ZHB:** SP2-GRT, SP2HJL, SP2BNF, Pasikowski. **SP5KMB:** SP5FTH, SP5FVE, SP5PBN. **SP9HZV,** SP9GFY, SP9GTR. **SQ4PBI:** SQ4FAL, SQ4FAO, SQ4ELO, SQ3PTE. **SQ3FLR,** SQ3HRN. **SQ5PSL:** SP8GNF. **SQ7DQN/5,** SP3HBW, SP8GAZ. **SQ9-KRT:** SP9HMF, SP9FKQ, SP9ZW. **SQ9KGC:** SP9CUX Et. Al. **UK4HAW & UA4IU,** UA4HAL, UA4HBR. **UK9FER:** UA9-FAJ, UV9FN, UA9FDW, UA9140005. **VK5NO & Son.** **WA1-NRV.** **WA1UBC & WA1JSD,** WA1LNH. **W2YD & W2BHM,** W2HZY, W2ASRQ. **W2BSQN & K2KUR.** **W2REH & W2-HHB.** **W3BWZ & W3NL,** W3ANGS, K4CFB. **K4GSU & K4FU,** K4KSC, W8FAW, W8BYVR. **K4VX & W4SGV.** **K4UT & W4LCP,** K4THA. **W4QCW & W4AQCQ,** W4B-ZDT. **K4YFO & W4BTC** W9JK. **W4OZF & W4BTR.** **W4-ZHB:** W4AFCT, W4BHYN, W9QVY, W0PBI. **W4EMF & W4KSS,** K4FW & W9NN. **W4MII & W2BQH,** W6AQA, K5WTA. **W4HQE & W4FDT.** **W4SLES & W5ARJ** W5VQ, K5PLF. **W4SWCT.** **W5RXT & W5BJE.** **W6KG & W6DDO.** **WIARR/6 & W6AGMR.** **K6HII & K6AUC.** **W7NQ:** W7CFJ, W7JST, W7AVN, W7DZA & W7UOV, W7YPF. **W8ROF & W8KPL,** W8EDC, W8LYF. **W8KIT & W82FGA.** **W8UM:** W8GGN, W8PVV, W8YTL. **W92TD & W9VNE,** K9OTB, W89IVC, W89BUV. **Y03KBC:** Y03YZ, Y03JE. **Y04KCZ:** Y04HW, Y04SI, Y04ASP, Y04AVR. **Y08KAN:** Y08ME, Y08MI. **Y08KA:** Y08DD, Y08JG. **Y06KEU:** Y06ADM, Y06MY. **YU1BCD:** YU1NQW, YU1NZV, YU1ODO, YU1PCF, YU1QBC. **YU2ACF:** Petar, YU1NVY, YU2PRT. **YU2BTU:** YU2RMT Et. Al. **YU2BOP:** YU2ZP Et. Al. **YU2CBM:** Kojlatik, Skoko, Grubisic. **YU2CBV:** YU2RKE, YU2RTG. **Zeljko,** YU2RFP. **ZF1AL & ZF1CN.** **4M5ANT & YV5AAS,** YV5BNR, YV5BZT. **4U1ITU:** HB9AXK, HB9AZD. **4Z4IX & 4Z4DZ,** 4X4WN.

Multi-Operator, Multi-Transmitter

JA3YK: JA2VUP, JA3ODC, JA3QOG, JA3REU, JA3UHM, JH3BNH, JH3FZB, JH3GLP, JH3HBF, JH3LJL, JH3NYM, JH3PLE, JR3WBE, JE3BYW, JE3JBI, JA4LVF, JA5GLY. **JA2YEF:** JA2SAP, JA2SWH, JA2TAP, JA2CA, JA2VHO, JH2BFT, JH2IRH, JH2NTZ, JH2XQY, JR2ADN, JA0TJT. **JA9YBA:** JH1GUO, JH2SGU, JA2NXX, JR2AKB, JA3VEN, JA9GLL, JA9GGH, JA9DZS. **JA1YSI:** JH1BIH, JH1CJU, JA1UGJ. **OH3MG & OH2DT,** OH3IR, OH3RJ, OH3SA, OH3WZ, OH3XZ, OH3YI. **PJ9JT:** DJ3KR, K4GKD, PJ2ARI, PJ2VD, W1BIH, W1GNC, W1TX, W3LPL, WA1STN, WA1-STO. **SK5AJ:** SM5AD, SM5AXP, SM5AYY, SM5BNZ, SM5-CAK, SM5CBN, SM5CNO, SM5DSU, SM5DYO. **SQ3KEY:** SP3CTQ, SP3FUO. **SQ6PA:** SQ6FJG, SP6HEK, SP6EEK, SP6FRA, SP6GIY, SP6DVP. **W2FP & K1OME,** K1ZND, WA1-ABY, WA1ABW, WA1JYJ, WA2CLO, WA2LQZ, WB2OEU, WA2SPL. **K2CW & W2BCU,** W2LSX, K2BPP, K2JOA, K2JQR, WA2DSA, WA2GAV, WB2APO, WB2BYW, WB2FTO, W3BPNF, WN2VZZ, WN2VZY, T. Edens, R. Hazen. **W3AU & W3ZKH,** K3EST, WA3AMH, WA3HRV, WA3IAQ, WB4-ODN. **W3WJD & W3DQG,** WA3JLT, WA3LRO, W6MWJ. **W3GPE & K3O10,** K3WJV, WA3FFR, WA3GUL, W3GM & W3FM. **W3JSX,** W3KFK, K3ZOL, WA3JYB. **W3FRY & K3H-TZ,** K3DZB, WA3LNM, WA3NQX, WA3WIM, WA3ATX & WA3COJ, WA3GJZ, WA3S3I. **W3TV & W3AOH,** W3VW. **W3BYX & W3AKRD.** **W5JMK & W5AUCT.** **W5KFL & W5AOCN,** W5AZWC, W5B5DI, **W6GEPQ & W6GIPY,** W7-SFA & W7APN, W7ENM, W7EXM, K7JKA, K7VPE, W7AZT, VE7ZZ. **VY5RT:** VY4TI, VY5VA, VY5CET, VY4ID, VY4CI, VY4NQ, VY1MV, VY4AE, VY4AC, VY4AOO, VY4ATW, VY4BE, VY4AY. **6Y5BF & K4CEF,** K4SHB, K4LDR, W4-BRB, W4TAF, W4FLW, W9NFC, K4VC, W4KZU, W4MY.